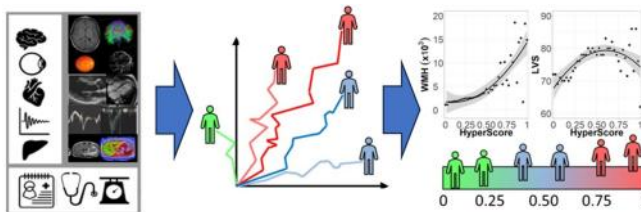


HyPrevent - Using AI to provide insights into disease severity for patients and uncovering hidden disease subgroups

An AI-driven approach designed to offer valuable insights into the severity of diseases for patients, as well as to uncover previously unidentified subgroups within various diseases.

HyPrevent uses a novel computational method to learn interpretable patterns of both disease severity and subtype from complex, large scale, multi-organ clinical and imaging data. Exploitable insights into patterns of hypertension end organ damage have been developed from unique collections of imaging data.

Applications: Drug Discovery, Disease management



Features	Benefits
Contrastive learning	A unique model and a novel patented pipeline to define disease state and landscape
Trajectories	Personalised disease severity/sub-type and identification of potential targets in drug discovery
Simple and complex models	Development of tools that allow patients and clinicians to infer complex medical information from simple measures

Features	Benefits
Data	Access to unique curated multi-modal and multi-organ clinical datasets from populations with normo-and hypertensive characteristics

Patented and Available for

- Co-development
- Consulting
- Licensing

To find out more, contact enquiries@innovation.ox.ac.uk and quote the project number.

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